

CLAIMS

1. A paper sheet processing device for processing paper sheets while carrying the paper sheets, comprising:
 - a device body,
 - carrier means for carrying the paper sheets one by one,
 - carrier driving means for driving said carrier means,
 - processing device parts, installed in a carrying route formed of said carrier means, for processing the paper sheets, and
 - processing driving means for driving said processing device parts, wherein
 - said processing device parts are installed detachably from said device body.
2. The paper sheet processing device as claimed in claim 1, wherein
 said processing device part is a first type processing device part for performing processing having a predetermined content to the paper sheets, and
 said first type processing device part has processing means for performing processing having the predetermined content to the paper sheets and moving means for moving said processing means to a desired position.
3. The paper sheet processing device as claimed in claim 1, wherein

said processing device part is a second type processing device part for performing processing having a content selected as desired,

 said second type processing device part has processing means for performing said processing having the content selected as desired, and

 said device body is provided with processing type detecting means for detecting the type of said processing means of said second type processing device part.

4. The paper sheet processing device as claimed in claim 3, wherein said second type processing device part has moving means for moving said processing means to a desired position.

5. The paper sheet processing device as claimed in claim 2, wherein said processing means of said first type processing device part is cutting means for cutting the paper sheets in the carrying direction of the paper sheets, or perforation forming means for forming perforations in the paper sheets in the carrying direction of the paper sheets, or fold forming means for forming folds on the paper sheets in the carrying direction of the paper sheets.

6. The paper sheet processing device as claimed in claim 3, wherein said processing means of said second type processing device part is cutting means for cutting the paper sheets in the carrying direction of the paper sheets,

or perforation forming means for forming perforations in the paper sheets in the carrying direction of the paper sheets, or fold forming means for forming folds on the paper sheets in the carrying direction of the paper sheets.

7. The paper sheet processing device as claimed in claim 3, wherein said processing means of said second type processing device part is cutting means for cutting the paper sheets in the direction perpendicular to the carrying direction of the paper sheets, or fold forming means for forming folds on the paper sheets in the direction perpendicular to the carrying direction of the paper sheets, or carrier means for carrying the paper sheets.

8. The paper sheet processing device as claimed in claim 6, wherein said cutting means is configured such that multiple rotary blades are arranged at predetermined intervals in the width direction.

9. The paper sheet processing device as claimed in claim 8, wherein said cutting means comprising said multiple rotary blades can be moved integrally.

10. The paper sheet processing device as claimed in claim 2 or 4, comprising position control means for reading position marks printed on the paper sheets and for controlling the position of said processing means on the basis of the information having been read.

11. The paper sheet processing device as claimed in

claim 2 or 3, comprising processing control means for reading processing information printed on the paper sheets and for controlling the processing content of said processing means on the basis of the information having been read.

12. The paper sheet processing device as claimed in claim 1, wherein said processing device part is cutting means for cutting the paper sheets in the carrying direction, and

wherein further comprising:

cutting waste elimination means for eliminating paper sheet cutting waste generated by cutting by said cutting means to the outside of the carrying route,

moving means for moving said cutting waste elimination means in the direction perpendicular to the carrying direction, and

movement control means for controlling said cutting waste elimination means to cutting waste generation positions.

13. The paper sheet processing device as claimed in claim 12, wherein said movement control means judges that paper sheet pieces having a predetermined width dimension obtained after cutting are cutting waste and controls said moving means, on the basis of a processing information.

14. The paper sheet processing device as claimed in

claim 13, wherein said processing information has been input beforehand.

15. The paper sheet processing device as claimed in claim 13, wherein said processing information has been printed beforehand on the paper sheets to be processed and is read.

16. The paper sheet processing device as claimed in claim 13, wherein the predetermined width dimension is 5 mm or more and 15 mm or less.

17. The paper sheet processing device as claimed in claim 12, wherein

said movement control means reads position marks printed on the paper sheets and controls the position of said cutting waste elimination means on the basis of the information having been read.

18. The paper sheet processing device as claimed in claim 1, comprising a paper feeding device part for carrying and feeding the paper sheets one by one to said device body, said paper feeding device part comprising:

feeding means for feeding the paper sheets one by one, and

oblique carrier means, which is positioned on the downstream side of said feeding means and on which the paper sheet is placed, for obliquely carrying the paper sheet toward a guide wall so that the fringe of the paper sheet is

aligned along a guide wall and for carrying the paper sheet to the downstream side of the carrying direction, wherein said paper feeding device part is rotatable around a vertical shaft with respect to said device body so that the carrying direction in the paper feeding device part is inclined with respect to the carrying direction in said device body.